

**TABLE 1**  
**Average Non-Peak Total Metal Concentrations 2009 through 2014**

	<b>A72 – Animas River Downstream of Silverton</b>		<b>A68 – Animas River upstream of Cement Creek</b>		<b>CC48 – Cement Creek above Animas River</b>	
<b>Location</b>	<b>Average</b>	<b>Count</b>	<b>Average</b>	<b>Count</b>	<b>Average</b>	<b>Count</b>
Aluminum (µg/L)	2340	15	236	14	6900	16
Antimony (µg/L)	NA	NA	NA	NA	NA	NA
Arsenic (µg/L)	NA	NA	NA	NA	5.09	9
Barium (µg/L)	25.5	1	25.2	1	NA	NA
Beryllium (µg/L)	NA	NA	NA	NA	1.21	9
Cadmium (µg/L)	1.98	15	1.52	17	5.72	16
Calcium (µg/L)	70,100	2	31,500	3	167,000	3
Chromium (µg/L)	NA	NA	NA	NA	4.3	1
Cobalt (µg/L)	5.19	2	0.703	1	21.1	3
Copper (µg/L)	30.3	15	11.7	11	131	16
Iron (µg/L)	3760	15	224	15	13,000	16
Lead (µg/L)	6.45	15	5.66	17	17.1	16
Magnesium (µg/L)	5010	2	2247	3	10,300	3
Manganese (µg/L)	1650	15	1733	17	4600	16
Nickel (µg/L)	4.81	9	NA	NA	14.8	15
Potassium (µg/L)	969	2	648	3	1900	3
Selenium (µg/L)	NA	NA	1.6	1	1.3	1
Silver (µg/L)	NA	NA	0.5	1	NA	NA
Sodium (µg/L)	3010	2	1547	3	4430	3
Strontium (µg/L)	755	2	326	3	2070	3
Thallium (µg/L)	NA	NA	NA	NA	16.6	1
Total Dissolved Solids (mg/L)	363	8	230	8	841	8
Total Suspended Solids (mg/L)	20	8	20	8	22	8
Zinc (µg/L)	746	15	483	17	2390	16

µg/L      micrograms per liter

mg/L      milligrams per liter

Note: Non-detects were included in the averages at the detection limit

NA      No data available

**TABLE 2**  
**Average Non-Peak Dissolved Metal Concentrations 2009 through 2014**

	<b>A72 – Animas River Downstream of Silverton</b>		<b>A68 – Animas River upstream of Cement Creek</b>		<b>CC48 – Cement Creek above Animas River</b>	
<b>Location</b>	<b>Average</b>	<b>Count</b>	<b>Average</b>	<b>Count</b>	<b>Average</b>	<b>Count</b>
Aluminum (µg/L)	709	14	95.9	6	6290	18
Antimony (µg/L)	NA	NA	NA	NA	NA	NA
Arsenic (µg/L)	NA	NA	NA	NA	NA	NA
Barium (µg/L)	20.2	3	21.6	4	NA	NA
Beryllium (µg/L)	NA	NA	NA	NA	1.13	10
Cadmium (µg/L)	1.75	19	1.42	19	5.50	18
Calcium (µg/L)	70,800	19	48,100	19	153,000	18
Chromium (µg/L)	2.34	1	NA	NA	NA	NA
Cobalt (µg/L)	3.72	3	0.473	2	21.2	3
Copper (µg/L)	18.2	13	7.034	5	124	18
Hardness (mg/L)	137	4	110	4	366	3
Iron (µg/L)	1520	18	NA	0	8230	18
Lead (µg/L)	1.42	4	0.940	3	15.1	18
Magnesium (µg/L)	4910	19	3015	19	9340	18
Manganese (µg/L)	1460	18	1613	19	4200	18
Molybdenum (µg/L)	NA	NA	NA	NA	NA	NA
Nickel (µg/L)	4.41	11	NA	NA	13.1	18
Potassium (µg/L)	1030	8	635	4	1890	16
Selenium (µg/L)	NA	NA	NA	NA	3.68	2
Silver (µg/L)	NA	NA	NA	NA	NA	NA
Sodium (µg/L)	3300	18	2260	19	4220	18
Strontium (µg/L)	547	3	395	4	1610	3
Thallium (µg/L)	NA	NA	NA	NA	NA	NA
Vanadium (µg/L)	NA	NA	NA	NA	NA	NA
Zinc (µg/L)	653	19	449	19	2208	18

µg/L      micrograms per liter

mg/L      milligrams per liter

Note: Non-detects were included in the averages at the detection limit

NA        No data available